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Rose Thorn Staff

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the Rose Thorn

Vol. 19, No. 22

Rose-Hulman Institute of Technology

MARCH 23, 1984

THIS WEEK:

Sports Special Center
THORN Readers' Survey
and free dinner drawing ... p. 7



Geoff Lange photo

Chairman of the Board, Jack Ragle (left); board member William Maddock; SGA President, Doug Byrer and Rose President Hulbert exchange words as they tour the campus.

Flu epidemic sweeps nation

by Bill Bradford and
College Press Service

Looking over her list of students waiting for care at Emory University Student Health Service on Valentine's Day, Nurse Joyce Carlone noted that, for the umpteenth day in a row, seven of the ten students were complaining of flu symptoms.

"One week after winter break, the students were breaking down our doors," Carlone remembers.

They have been besieging campus health centers over most of the country, too, especially in the South and Southeast, as a flu epidemic spreads without much control.

Rose has not been particularly hard hit by the flu; however, there have been a few cases according to Rose physician Dr. Jett.

"Rose-Hulman is more isolated than most college campuses, and as a result we're certainly not in the epidemic category here," said Jett. There has been an increase in the number of patients at the Rose Health Center, especially three or four weeks ago, but according to Jett, "most of them just had colds."

Incidentally, Jett has been with Rose for about twenty years and is retiring after this year.

Dean Lucas agreed with Jett

that there was a slight increase in students seeking health care, but not a significant increase. "In previous years about 25 students would report to the health office each week. This year that figure is closer to thirty or thirty-two guys a week. More cases of mononucleosis have been reported than flu. That often means guys are out for two or three weeks. A lot of that is probably due to the demanding program here at Rose, which often causes poor eating and sleeping habits," said Lucas.

Lucas adds that although the flu has not been a big problem at Rose, Indiana University in Bloomington has had problems with it as have other schools across the country.

Administrators are juggling appointment books and infirmary beds to accommodate the rush of flu victims. At the University of Vermont, for example, appointments are not to be had. At Southwest Missouri, at least one junior gave up on the health center and went home to suffer. At other campuses, teacher illnesses have threatened to force cancellation of some classes.

Most of the suffering results from Russian Type A influenza, although there is also Type B circulating around.

Both are accompanied by high

fevers, body aches, coughs and sometimes sneezing and sore throats, says Jeff Taylor of Texas' State Health Department.

About 175 students — twice the normal number — have been visiting the University of Texas-Austin's health center, forcing doctors to treat students in triage screening rooms, reports Dr. Jack Crosby.

"There was some talk of altering class schedules" because so many students were sick, he adds, but absentee levels are decreasing now "after four pretty severe weeks."

Texas A&M, Baylor, Southern Methodist and Southwest Texas State students are equally hard hit, Taylor says.

But closing schools, he says, "isn't an effective control of an epidemic. It doesn't stop the spread of the virus. But it is necessary when there is no one left to teach the class."

"There's not a heck of a lot anybody can do to prevent it," counsels Karl Kappus of the Center for Disease Control in Atlanta.

It spreads too quickly — within 24 hours — to know where it starts," Taylor says. "It could have been introduced on the East Coast, then someone there got on a plane to California and suddenly it was spreading nationwide."

First team wins basic competition

by Bob Patti

The annual basic programming contest was held at Rose-Hulman last Saturday. The contest was composed of six programming tasks. The team which completes the most programs in the shortest time

wins.

Rose No. 1 maintained the lead most of the day. Notre Dame placed second with a spectacular showing, considering that their team of four was short two and they had never worked with a DEC computer before.

The contest went smoothly except for an hour of down time on the 11/70. The glitch strikes again!

The final standings were 1st — Rose No. 1; 2nd — Notre Dame; 3rd — Purdue No. 1; 4th — Grinnell No. 1; 9th — Rose No. 2.



Bruce Mueller photo

Goods stolen on Rose campus

by Scott Haney

A recent rash of thefts has been plaguing Rose recently, according to Pete Gustafson, Associate Dean of Students.

More than 10 incidents were reported since the beginning of the winter quarter. "We have six cases of stolen money, three cases of stolen clothes, and a French touring bicycle was taken from Speed Hall," said Gustafson. The television in the Mees lobby was also taken sometime last quarter.

Gustafson said that the identity of the culprit(s) is not known, but it is probably one or more Rose students. "Anyone comfortable enough to just walk into a room . . . and grab some

money from a drawer has got to be pretty familiar with Rose." He said that it was pretty unlikely that anyone else would have that kind of nerve. Gustafson also pointed out that the bicycle was probably not taken by anyone on campus, since such an item would be difficult to hide.

Gustafson said that most of the thefts could have been prevented if students would lock their doors when they are not in the room. Even if you only plan to be gone for a minute, remember that that is all the time it takes. Gustafson also asked for student support. If you see anything suspicious, you should call security immediately.

Russian banquet provides food and entertainment

by Mitch Day

A Russian banquet complete with food and music is being sponsored March 24 by the Rose Student Russian Language Club.

The public is invited to the sixth annual dinner which begins at 6:30 p.m. in the Union building.

The dinner begins with a Russian Zakuski table, a variety of Russian appetizers. Other items on the menu include Dokhlyobka, a tasty broth with sauteed vegetables; Solyanka, the main dish consisting of beef, sausage, cabbage and savory spices; green salad; black bread from a Bloomington bakery; Aleksandrtort, a pastry with raspberry filling and lemon

glaze; and Georgian Tea which Dr. Priest brought back from the USSR.

In addition to the menu of authentic Russian dishes, musical entertainment will feature performances by students and faculty on several Russian instruments including a balalaika, a three-string guitar and a garmoshka which is an accordion-type instrument.

Because of the popularity of the banquet among the college's staff and faculty, this year's program is being opened to the general public, according to Peter Priest, professor of Russian and comparative literature.

Accreditation board reviews Rose

by Joel Schneider

The Accreditation Board for Engineering and Technology (ABET) is establishing new guidelines for student/teacher ratios and also the number of dollars per student spent on computer operations.

Dr. Hulbert reported at a meeting of the National Research Council that the student/teacher ration nationally for engineering in 1975-1976 was 16.3 to 1. This ratio had risen to 21.5 to 1 in 1982-1983. Hulbert said restoring the ratio to the 1975-1976 level would require an additional 6,000 new faculty members in engineering (current positions nationally number 18,200). Now, ABET is recommending a student/teacher ratio of 12 to 1.

Dr. Hulbert stated that "Rose-Hulman's student/teacher ratio has come down from 19 to 1 in 1975-1976 to 15 to 1 at present." While this 15 to 1 ratio would not meet ABET guidelines, "it is closer than national averages to meeting the guidelines." In addition, "no one has yet been reviewed under these guidelines," so it is difficult to say what would happen.

However, even without the new guidelines Rose has continued to add "new staff members to broaden class offerings and also allow time for research." Also, in a recent evaluation, Rose received a "terrific recommendation from ABET, whose standards are tough to meet, particularly in electrical engineering." It appears that Rose would stand a

better chance of meeting the new guidelines than the average engineering school.

Dr. Hulbert also had a few comments to add on the new ABET guidelines for dollars per student spent in computer operations. ABET states that \$600 per year per student should be spent in the computer area. This amount is determined by "dividing the total computer budget by the number of students. Rose spends an average of \$375 (per year per student in the computer area), and this is the fastest growing part of our budget." In comparison with other engineering schools that spend an estimated \$250 per year per student, Rose is closer to the guidelines.

Dr. Hulbert added that "Rose-Hulman is approaching \$600 (per year per student for computer operations), with the addition of 40+ terminals for the Janet network and new terminals for Olin Hall." There is also a "ten-year plan for computer facilities with a major capital drive for computers in the future after the renovation of Moench Hall is completed." It is more likely that Rose will achieve the ABET guideline for dollars per year per student on computer operations than the student/teacher ratio.

Dr. Hulbert concluded that he is proud that Rose received the maximum accreditation in its last review by ABET. These high marks were especially impressive because only about 35% of the programs evaluated get accredited.

EDITORIAL

With the rash of thefts occurring on this campus, it makes you wonder what is going on in people's heads.

Really, the act of stealing does not seem a bad sort of thing; you see something you want, you reach out and take it. Nobody sees. You think nobody cares. You never hear about it. Brush it off.

And so you steal a fork from ARA: big deal. You need a fork, and they have plenty — you have none. And you really paid them to buy the fork anyway, right?

Soon you need a television set, some money. So you take it: no big deal — nobody sees you and you never hear about it. But somebody did. Somebody was angry and lost what he had spent part of his life working for, but you needed the stuff. Somebody can afford another.

Your boss asks you to design some equipment. You do your best — but you have to get the price down. So you trim a little off the fat — like off the protective shield, off the hand guard, off the noise muffler — nobody sees you and you never hear about it.

You are in the grey of your life and you have had a good one. You never really bothered anybody, been relatively happy. Except for that time the man in your plant got killed by a machine that chewed up his arm and pulled him into it. Strange how that could happen. So you cut a few corners; did your best to design that machine.

It is strange how some negligent attitudes are like drugs: a relatively harmless amount of either can lead you straight down the road to abuse. That is abuse of common sense. Think about it.

Outer Events calendar

SWOPE ART GALLERY

Sun., March 25 — Feature film classic: Shakespeare's *Macbeth*, starring Orson Welles

Sun., April 8 — Opening at 12 p.m. of exhibition: *New Acquisitions*; art films: 2 p.m., *Two Centuries of Black American Art*; 2:30 p.m., *Bearden plays Bearden*

ISU
March 26 — "All New Artie Shaw Orchestra," sponsored by WTHI AM 1480 — 8 p.m., Hulman Center. Tickets \$8 General Admission.

March 26-21 — University Theatre presents "Offending the Audience," by Peter Handke. March 26-29 at 8 p.m. and March 30 and 31 at 7 p.m. and 9:30 p.m., New Theater.

March 27 — "Imperials" Gospel Group — 7:30 p.m., Hulman Center, theater wedge. Tickets \$6 and \$7.

March 28 — John Cougar Mellencamp Concert — 7:30 p.m., Hulman Center. Reserved seats \$11.50.

April 4 — Scottish Music, Poetry Program — "Poetry on Pitch: The Many Moods of Robert Burns," sponsored by Sheldon Swope Art Gallery, College of Arts and Sciences, ISU; Arts Illiana, Indiana Arts Commission and the National Endowment for the Arts, 8 p.m., Swope Art Gallery, Free.

Community bulletin

"1984: Civil Liberties and the National Security State" will be the topic of a presentation given by Mr. Frank Wilkinson. Mr. Wilkinson is the executive director emeritus of the National Committee Against Repressive Legislation. Mr. Wilkinson is an outstanding civil libertarian and speaker. His presentation will begin at 7:30 p.m. at the United Ministries Center, 321 N. 7th St., Terre Haute.

The program is open to the public.

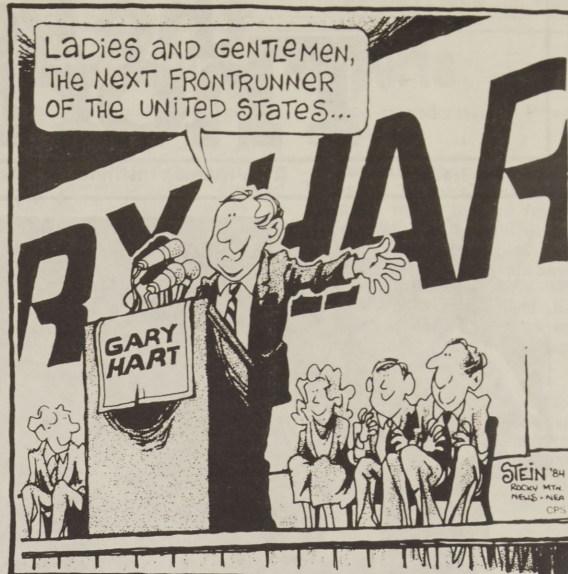
Applications for craft booths at the 1984 Indiana Renaissance Fair are now available at the office of the Community Singers, sponsors of the fair.

According to Exhibits Chairman Jim Wishon, eligibility is open to all artists who exhibit and sell work of original concept, design and execution. Categories include Ceramics/Clay, Fiber/Fabric, Glass, Enamel, Graphics, Leather, Metal, Photography, Sculpture, Wood, Mixed Media, and Painting.

All sales will be handled by the individual craftsmen and no commission will be charged. The deadline for application and \$30 entry fee is April 15, 1984.

This year's fair will be held on Saturday and Sunday, June 16 and 17, along Walnut Plaza in downtown Muncie, and admission will be free. Approximately 50,000 visitors attended last year's event, and thanks to a recent grant from the state tourism division, attendance figures are expected to reach a new high.

Applications for a craft booth at the 1984 Indiana Renaissance Fair are available by calling the Community Singers' office at 317/289-2888 or by writing to 324 North Tillotson Avenue, Muncie, Indiana 47304.



Daffynitions



In recent times it seems every newscast brings us another story concerning protests, strikes, and demonstrations. Not straying them from the media's mainstream, this week's column brings more words from the world of protest:

campus protestor — ivy beleaguer.
demonstrators — groups of wrath.
dock strike — boycott.
fanatic — one who redoubles his energy when he

has forgotten his aim.
marching demonstrator — protestarian.
organized demonstrator — trained zeal.
packer's strike — boxer rebellion.
petition — a list of people who didn't have the nerve to say "no."
policemen's strike — copout.
protest march — beef on the hoof.
street demonstration — din of inequity.

Album review

"New Song" has pop appeal

Howard Jones — *Human's Lib*
One of the newest artists on the pop music scene is Howard Jones with a single in the Top 40.

Anyone who has heard the current single "New Song" has already sampled a small bit of Howard Jones' music. The single "New Song" is very keyboard-oriented, with a definite pop appeal to it. The rest of *Human's Lib* is also full of keyboards and synthesizers, but also has enough variety to appeal to many different types of listeners.

As far as I can tell, Howard Jones performs all of the instrumentation on this album except for the saxophone in the

song "Pearl in the Shell." Probably most of the percussion and rhythm tracks are synthesized, but the performance is not weak because of it. The music is also completely written by Jones.

Howard Jones teams up with William Bryant to write the lyrics. Usually the lyrics are well-written ranging from thought-provoking to sarcastic humor: "Everything around us is natural — don't fight it." Sometimes the lyrics can become a little abstract and unusual, such as in the mellow cut, "Hide and Seek": "Then as part of the game, she completely

forgot where she'd hidden herself; and she spent the rest of her time trying to find the parts."

The common theme to *Human's Lib* is that man is conditioned into certain thoughts and behavioral patterns by society, and that he needs to escape from his "mental chains." The music helps to create this theme by being somewhat fast-paced and unorthodox. Howard Jones' songwriting is similar to that of Thomas Dolby's except that it is a little more basic in its style, yet it remains very entertaining.

Rating (0 to 5): 4

— by Rob Gollon

Cinemascope

Mermaid makes film splash

Splash — starring Daryl Hannah, Tom Hanks, John Candy

Rated PG Now showing at Towne South Plaza

Splash is a typical Walt Disney film with a humorous, bizarre, present-day story done on a level that appeals to an adult audience.

Actually, the film is a product of Touchstone Films which is a new spin-off from Disney that will produce films on a more mature level. *Splash* captures the essence of most Disney films with a story about a manager of a produce company, Alan Bauer (played by Tom Hanks), who meets the girl of his dreams, played by Daryl Hannah, and falls hopelessly in love. In true Disney fashion, this girl is really

a mermaid from another undersea world, and Alan does not know it.

The story takes place in New York City and blends the reality of a modern, bustling big city with the fantasy of legends and mermaids. It is a wonder that a movie that combines these two radically different views on life could be made at all. But *Splash* comes off as an almost believable story. It is farfetched enough that there is no way it could happen. Yet somehow it seems real, and, as the story unfolds, does not seem unusual at all. It is this feature which makes *Splash* so entertaining and enjoyable, for it shows the impossible happening — the dreams played out in real life.

In a supporting role, John

Candy (of SCTV fame) plays Freddie, Alan's eccentric brother. Leading a life of craziness, fast cars, fast women, and possessing an insane sense of humor, he serves as a friend and almost second conscience for his brother.

Daryl Hannah as the mermaid is simply stunning. She was also good in her starring role in *Reckless*. In *Splash* she is excellent, possessing a natural beauty that often is only attributed to a world of dreams and fantasies.

The idea of the story was typical Disney, the themes, conflicts, and acting were realistic and entertaining to a mature audience, and this made it an enjoyable film.

— Joel Schneider

A note to our readers ...

For those of you who actually read the staff box, you already know that I am the THORN's new Distribution Manager. For those of you who do not, now you know. I am chiefly responsible for where the paper goes after it is delivered to Rose. I would like

to hear your comments and suggestions; so send them to the THORN at Box 130. Be reasonable, though — distribution manager is not longhand for paperboy.

Thank you.

R. Scott Haney

The THORN

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The THORN welcomes letters or comments from readers. In view of length constraints, we reserve the right to limit the lengths of comments and use excerpts from letters. All submitted material must be signed. We will withhold names in special cases only. Articles, ideas and announcements are also desired. All material should be submitted one week before publication.

Faculty Spotlight

Prof. Hite awarded honors

by John Rumberg

"It's an honor to be selected, and I hope to do a good job," is what Dr. Hite had to say concerning his recent award: the Robert M. Shattuck Distinguished Professor of Engineering.

According to President Hulbert, "Professor Hite is being recognized for his outstanding achievements as a teacher, scholar, administrator, and consultant. He has been a leading force in the growth of the

college's chemical engineering department and has been instrumental in our success of attracting faculty who are excellent teachers and scholars."

Dr. Hite, who is chairman of Rose's chemical engineering department, has also received the Inland-Ryerson Foundation Outstanding Teacher Award and the Dean's Outstanding Teacher Award at Rose.

The award was established in

1974 by the Borg-Warner Corporation to honor Dr. Robert M. Shattuck. Shattuck, a 1936 Rose graduate, served Borg-Warner as executive vice-president and as a member of the board of directors.

The award is actually one of Rose's three chairmanships. A recipient of the award keeps it until his retirement. Dr. Hooper, who is retiring at the end of this quarter, has been the only other person to receive this award.

Board approves increase in budget

The Rose Board of Managers have approved a \$14.7 million budget for the 1984-85 academic year. The figure represents a 10 percent increase over the current budget.

President Hulbert said the additional funds are needed to enable the college to continue to attract quality faculty, purchase computer equipment, and provide for additional improvements in facilities.

New room and board and tuition rates were also adopted during the annual winter meeting of the board.

Despite the increases, the Rose fees are among the lowest of the nation's independent engineering colleges and are at the median level when compared to other private higher education institutions in Indiana. Rose ranks 14th in regard to costs

among the 16-member Association of Independent Engineering Colleges.

Effective with the fall term, annual tuition will be \$6,000 while room and board will be \$2,670. Costs for the current academic year are \$5,400 for tuition and \$2,460 for room and board.

Hulbert noted that more than \$5.3 million in financial aid was awarded to students who help offset costs during the current academic year. Approximately 90 percent of the college's 1,300 students receive some form of financial assistance.

He also reported to board members that \$18.2 million has been received or pledged as part of the "Blueprint for Excellence" campaign. According to Hulbert, alumni giving appears headed for a record amount and number of gifts.

Three members of the board were re-elected to new five-year terms. They included current board chairman Jack Ragle, president, Graham Grain Co.; John N. Royse, president, Merchants National Bank; and Robert L. Royer, president, Louisville Gas and Electric Co.

Regarding student recruitment, Hulbert said the class rank of students admitted for the fall term is the highest in the college's history. Thus far, 97 percent of those admitted are in the top 20 percent of their graduating class. The Scholastic Aptitude Test (SAT) verbal scores of students who have been admitted is also at an all-time high.

It was also noted that 41 members of the current freshman class, or one of every eight students admitted last fall, is a National Merit Scholar.



Guests and dignitaries were introduced during the Military Ball.

Derek Anderson photo

Piker directs college relations

David L. Piker has been appointed director of college relations and assistant director of development and Kent Harris has been named director of publications at Rose.

Piker, director of communications services at Indiana State University since 1978, will assume responsibility for media relations (newspapers, radio and television) and general public relations and will assist in the preparation of proposals for fund-raising.

Harris, who has held the dual responsibility for media relations and publications since 1968, will concentrate his efforts in publications as editor of an expanded constituency newspaper, an annual report and other publications required by the college. He also will be assigned to long term public relations and development projects.

Harris and Piker will report to Robert G. Reeves, vice president for development and external affairs.

Piker, who holds B.S. and M.S. degrees from Indiana State University, has been at ISU since 1974 when he was hired to

develop and implement the university's first broadcast media services program. Piker previously was employed in the news department of WTHI-TV-AM-FM as a reporter, TV assignments editor and radio news director from 1967 and 1972. From mid-1972 to mid-1974 he served as assistant director of public information at Rose.

Piker had headed the Office of Communications Services at ISU for six years, with the efforts of he and his staff having been recognized by the presentation in 1983 of a National Citation Award for excellence in higher education news and information programs by the Council for the Advancement and Support of Education (CASE).

Piker, who has served as adviser to Pi Lambda Phi Fraternity at ISU for seven years, has received the fraternity's top national honor (National Council Key) and the ISU Interfraternity Council Award as the university's outstanding fraternity adviser in 1979.

Community and professional memberships include Terre Haute Chamber of Commerce (membership committee),

Wabash Valley Press Club (board of directors), Indiana Council for the Advancement and Support of Education (secretary), International Association of Business Communicators and Sigma Delta Chi National Journalistic Society.

Harris, a graduate of Indiana State University, joined Rose-Hulman in 1968 as director of information services. He previously was a member of the editorial staff of The Terre Haute Star, serving as office boy (1960), general reporter (1961-62), state editor (1964-68) and sports editor (1964-65).

He has been active in I/CASE (trustee, 1978-79; president, 1980-81) and has served as a resource person on a number of committees and task forces for CASE and the Independent Colleges and Universities of Indiana. He was selected to head the press room and daily bulletin activities for the Engineers' Public Information Council of the American Society of Engineering Education at its annual meeting at Texas Tech University in 1972.

NEWS BRIEFS

Drama club elects officers

The Rose Drama Club recently held elections for its new officers. Heading this quickly growing organization for the next year will be newly elected President R. Daniel Harrison, Vice-President Stanley DeHoff, Secretary Richard Payonk, and Treasurer John Rohlfing.

The newly elected officers would like to encourage both old and new Drama Club members to participate in some capacity with the Spring Musical, "Damn Yankees." Performances of the musical will be on April 27th and 28th and May 4th and 5th.

First annual math conference stresses microcomputer use

by Bob Patti

Rose-Hulman will be hosting a pair of math conferences in mid-April.

On April 13, Rose will host the First Annual Rose-Hulman Conference on Undergraduate Mathematics. The topic of the meeting will be "Microcomputers in the Classroom." Talks will include "A Microcomputer Lab for Post-calculus Classes" by Professor Maynard Thompson of Indiana University, "Monitoring the Physical World with Micros" by Professor Bill Rouse of Miami University (Ohio), and "Is It Greener on the Other

Side?: Emerging Software" by Professor Brian Winkle of Rose.

The Indiana section of the Mathematical Association of America will meet the following day, April 14. During the morning, papers will be presented. Baron Gemmer of Rose will give a paper on "Optimization of a Corporate Telephone Distribution" and Professor Constant Goutziers of Rose will present "Checking Counterexamples of Fermat's Last Theorem." In the afternoon the 19th Small College Mathematics contest will be held. Rose has won the last five contests.

Eastside development to be discussed at Rose-Hulman

A program March 21 sponsored by the Rose Department of Civil Engineering provided students and the public with an opportunity to learn more about a \$5 million residential center under construction on the city's east side.

J. C. Spence, president of the company developing the center, was the featured speaker at the seminar.

As part of the presentation, a large scale model illustrating how the finished

development will appear was shown for the first time. The elaborate model, which measures five-feet by nearly eight-feet, was constructed over a five-month period by Dr. Mark Berrio, associate professor of civil engineering at Rose.

According to Berrio, the seminar was intended to give Rose students interested in urban planning an opportunity to discuss land development philosophy with a local developer.

Pickett speaks at conference

Dr. William Pickett, professor of history at Rose, will join a group of dignitaries including former world leaders, national news correspondents and former White House officials who will speak about former President Dwight Eisenhower March 29-31 at Hofstra University, Hempstead, NY.

Pickett, who has been conducting research for a biography about Eisenhower, will address the international conference on the subject of "Eisenhower as a Student of

Clausewitz."

Others scheduled to speak at the conference include former British Prime Minister Harold Wilson, D. David Eisenhower, son of the late president; William Casey, director, Central Intelligence Agency; and Robert Merriam, deputy assistant to President Eisenhower.

Pickett has been a member of the Rose faculty since 1972. His teaching assignments include courses in 20th century US history.



Jester Kevin Stroud cackles as Dad loses his head during the talent show.

Derek Anderson photo

Thorn Sports

Linksters start schedule

Rose-Hulman returns four of its top six golfers from a year ago, leaving seventh-year head coach Glenn Baca optimistic that the Engineers can challenge for the College Athletic Conference crown.

Baca will get his first look at his 1984 squad this week when Rose-Hulman travels to New Albany for the Indiana University-Southeast Invitational on Friday. Each team will have five of its six golfer's scores count in the 18-hole tournament, which begins at 10 a.m.

Among Rose-Hulman's returnees are two-time team most valuable player Mark Adams, who placed fourth in the C.A.C. championships last year and had a season average of 79. Also back are Rob Haynes, who will start the season as the team's No. 1 man, senior David Bramer and sophomore Ron Neumeyer.

"I think the strength of this team is its depth," said Baca, who guided Rose-Hulman to a second-place C.A.C. finish last year. "We return some key, experienced golfers, and we've added some talented freshmen to back them up. We're looking forward to a good year."

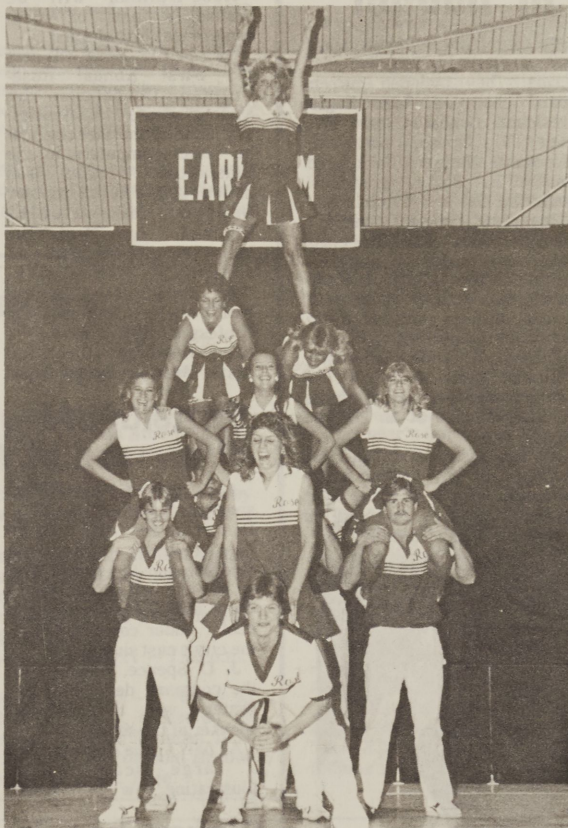
Six of the 11 players on the team are freshmen. The top two who will make the trip on Friday are Anthony Gilkison and Dennis Aldridge. Others on the squad include Terry Butcher, Mark Bower, Jay Mills, Doug Morris, and Tom Robinson.

Besides the Indiana University-Southeast Invitational, other highlights of the schedule include the Rose-Hulman Invitational on April 13-

14, the tough Wittenberg University Invitational on April 29-30 and the C.A.C. Championships on May 2-4 at Centre College. The Engineers also will attempt to become the first golf team in school history to compete in the NCAA Championships on May 15-

18 at the State University of New York in Oswego.

The Engineers recently prepared for their opening tourney by playing 90 holes on their spring trip to Florida and Tennessee.



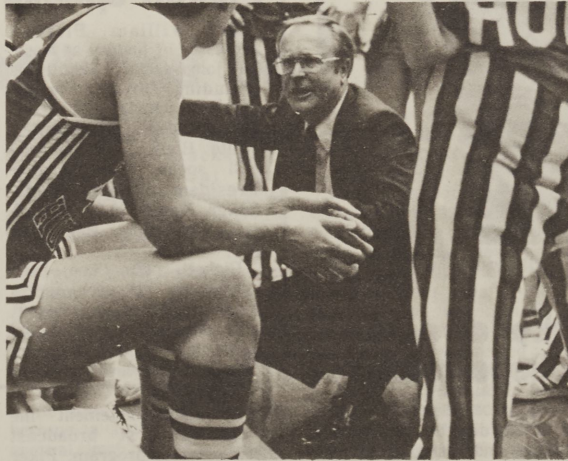
1984 ENGINEER GOLF TEAM — Front row (L to R): David Bramer, Dennis Aldridge and Ron Neumeyer. Row 2: Mark Adams, Anthony Gilkison, Terry Butcher and Mark Bower.



Freshman David Plantz shows promise for the future as he fills in for the injured Dean Stanley this year.



Soccer Action



Head coach John Mutchner guides the Engineers to their tenth consecutive winning season.



1984 ENGINEER BASKETBALL TEAM — Row 1 (L to R): Jon Homer, Brad Kless, Scott Williams, Rob Ewing, Butch Busard and student manager Buck Klemola. Row 2: David Plantz, Curt Wehrley, Marc Ruhling, Jeff Chandler and Keith Kemp. Row 3: Head coach John Mutchner, Andy Curosh, Jeff Wheeler, Dean Stanley, Jeff Rea and Brad Bentley.

Basketball recap

The Engineers basketball team started out the 1983-84 season with high expectations as five senior starters returned from last year. The team was dealt a severe jolt in the third game of the season, though, when 6-8 center Dean Stanley, the team's top scorer from a year ago (16.8), went down with torn knee ligaments and cartilage and was lost for the season. Nevertheless, the Engineers went on to post a 9-2 record at the holiday break and appeared strong enough to challenge for the College Athletic Conference crown.

When the team returned from its European trip over the holidays, fans caught a glimpse of things to come, however. Rose-Hulman dropped a 76-71 triple overtime decision to Sewanee in Shook Fieldhouse and went on to post a 5-10 mark in the 1984 portion of their schedule. Of those 10 losses, eight came by eight points or

less. Besides the Sewanee loss, the Engineers dropped two games by one point and one each by two, three, four, six and eight points. Playing without Stanley and a true center in the lineup caught up with the team the latter half of the season.

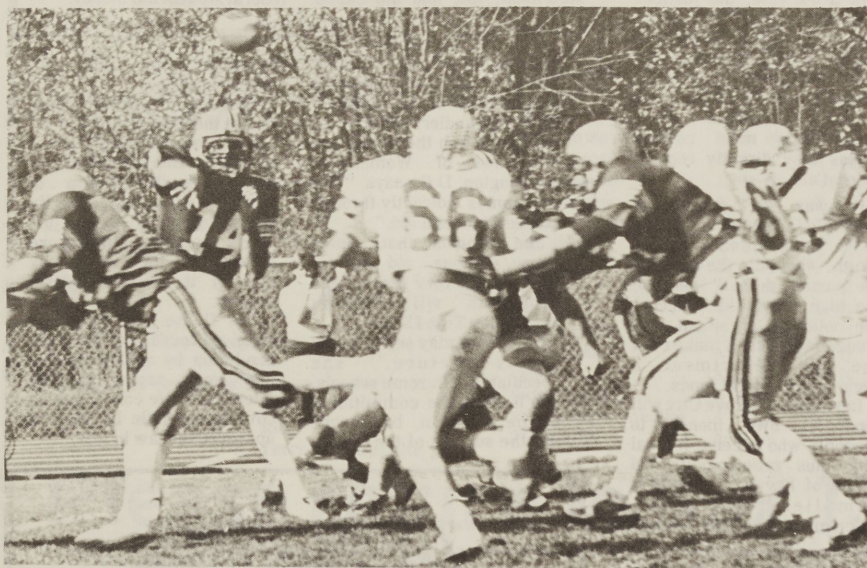
"I'm very glad that we were able to keep our winning season string going. Overall, I feel that we never really did recover from the loss of Stanley. Even though we were 9-2 at one point, we still were not nearly the team without him that we were with him. I think with him, we would have been knocking on the door for 20 wins and another conference championship. In most of those close games that we lost, Stanley would have been the difference.

"On the other hand, his loss gave our freshmen more playing time than they would have gotten otherwise. This is certainly going to help them going into next year."

Southwe
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Rose-Hul
Centre
Principi
Fisk



Legendary Coach Phil Brown enjoys posing with cheerleaders.



1983 Engineers tied for C.A.C. crown.

Baseball opens season

Rose-Hulman is coming off a 17-22 season in which it captured the C.A.C. championship for the third time in four campaigns. Rendel welcomes back 16 lettermen from that squad and is looking forward to another fine season.

"I think we should be able to match last season's record and should again challenge for the C.A.C. title," said Rendel, who has a 98-154 mark at Rose-Hulman in seven years. "It all will boil down to how well the eight seniors on the team play."

The Engineers must replace some key graduation losses and will be without two other regulars who are out with injuries. Gone from last season are second baseman Andy Meyer, who led the team with a .381 average, was an all-C.A.C. selection and team MVP; shortstop Steve Nowak (.321, all-C.A.C.), and right fielder Kevin Cvangros (.286). Designated hitter Rob Wilson, who hit .333 last year, has a broken foot and will not return to action until mid-March. And left fielder Scott Lowe, who hit .304 in '83, is slowed by torn ankle ligaments.

Rose-Hulman should have enough pitching and hitting to carry it to a successful season, though. Seven of the eight pitchers of a year ago return, as do a majority of the hitting strength from a team which posted a .300 team batting average last year.

Filling in for Meyer and Nowak up the middle will be Brent Mewhinney at second base and Andy Jeffers at shortstop. Both saw limited action last season. Grant Sharp will back up whinney, and either Chip Ray

or Jim Short will spell Jeffers when he takes over as one of the team's top relievers.

"These are the only two spots where we don't have any veterans returning," Rendel said. "I think we have the talent to fill the spots, but we can't tell right now who will take over. Finding two replacements is my main concern on the trip down South."

Veteran Mike Trench will be back at first base. He hit .282 a year ago and will have to fight off designated hitter Ed Canary for the position when Wilson returns to action. Another veteran, Jeff Ball, returns to the hot corner. Ball, a tri-captain this year, hit .287 last season.

The outfield will be manned by Mitch Cain in left, tri-captain Ron Bender in center and Dennis Wallen in right. Cain hit .369 last season, Bender hit .275, and Wallen .275.

Steve Sauer returns to handle the catching duties. A .377 hitter last year, Sauer will be backed by Bruce Fenimore.

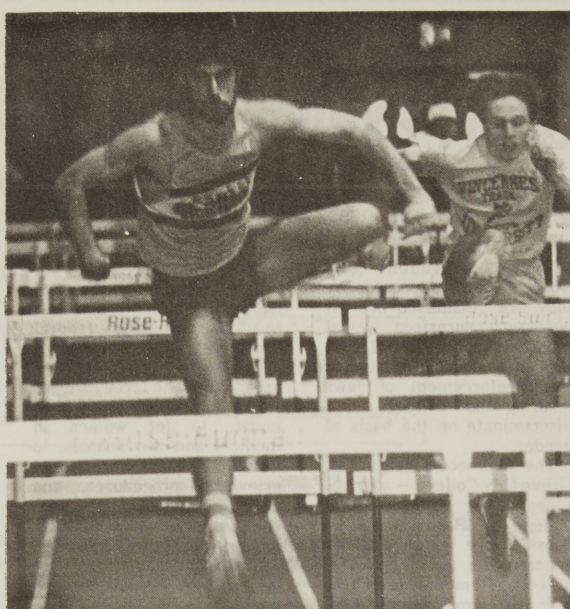
Rendel lists his starting rotation as tri-captain Mark Kaiser, Dan White, newcomer Andy Curosh, southpaw Andy Burtner, and rookie Bruce Cluskey. Kaiser led the team with a 4-4 record and 3.52 E.R.A., while White was next with a 4-3 mark and 6.50 E.R.A. Top relievers besides Jeffers include Shawn Kendinger and John Sever. Both can start, but will be used chiefly in relief in the early going because of their ability to pitch without much rest.

"Based on last year's statistics, we should be a good hitting team," Rendel said.

"And the pitching staff looks as strong as any we've ever had. I really feel that we have at least five strong starters."

"The injuries (Wilson and Lowe) have been the biggest disappointment so far," Rendel said. "The biggest surprise has been the weather. We've never been able to get everyone outside this early, so getting an early start has got to be an advantage."

Rose-Hulman's 53-game slate includes contests with Division I powers Indiana State University, Purdue University and Indiana University. The Engineers' home debut will be Sunday, March 25, against Butler University.



Junior Dave Smith hurtles toward the finish line during the Rose-Hulman Invitational last Saturday.

Track team hosts invite

by Erik Schneekloth

The Rose-Hulman track squad hosted its annual Indoor Invitational track meet last Saturday, March 17, at Shook Fieldhouse. Six teams competed in the closely contested meet: Rose, Vincennes, Illinois Benedictine, Butler, Illinois Wesleyan and Franklin.

Three teams, Rose, Butler and Vincennes, traded places as the leader throughout the meet. Rose and Butler both got off to strong starts with the morning's field events. Rose maintained a close second to Butler for most of the meet, with Vincennes slowly closing the gap. After Kurt Kelso won the 1000-yard run for Rose, the Engineers took the lead with 92 points to Vincennes' 88 points. Butler was third with 85 points.

Labaron Green of Vincennes won the next race, the 300-yard dash. Rose had a strong showing, however, with Steve Nerney placing second and Brian Cavagnini finishing third. The score was now Rose 106, Vincennes 99 and Butler 87. It looked at this point as if the meet might be decided on the final race, the mile relay. This proved to be the case, as Rose scored one point in the mile run with Vincennes picking up four and Butler ten. The score going into the mile relay was Rose 107, Vincennes 103 and Butler 97.

To win the meet Rose needed to finish at least one place behind Vincennes in the mile relay. (Scoring was 10-8-6-4-2-1. If Rose finished one place behind Vincennes they would have only given up a deficit of two points. A

difference of two places would have resulted in a deficit of four points, thus causing a tie for the meet.) Earlier in the year Rose lost a dual with Vincennes when the meet was decided on the final race. Here was a chance for double revenge for the Engineers, as Rose lost last year's Invitational to Butler. The relay team ran well, with an exceptional performance by anchor Brian Cavagnini. Going into the final lap Vincennes was leading, with Illinois Benedictine second and Rose third. Coming down the stretch the anchor for Illinois Benedictine surged ahead into first, however, and Rose came within a hair of catching Vincennes. It appeared that Rose could claim victory for the meet with their third place showing in the mile relay (to Vincennes' second). This proved not to be the case, however. The celebration was spoiled when it was learned that the Rose relay team was disqualified in the race when an Engineer cut off an opposing runner.

Vincennes went on to win the meet with 111 points to Rose's 107. Illinois Benedictine finished third with 100 points and Butler wound up fourth with 97 points. (Butler did not have a mile relay team and therefore dropped a place.)

Final Results

1. Vincennes	111
2. Rose-Hulman	107
3. Illinois Benedictine	100
4. Butler	97
5. Illinois Wesleyan	66
6. Franklin	8

See TRACK, p. 8



THE 1984 ENGINEERS — Front row (L to R): Alan Snedeker, Dennis Ison, Jay Chow, Larry Fellows, Trent Bennett, Gil Keller and Jim Yoakum. Row 2: Mike Trench, Jeff Myers, Chip Ray, Rob Wilson, Brent Mewhinney, Grant Sharp, Ron Bender, Jeff Ball and Brian McLeish. Row 3: Andy Curosh, Scott Lowe, Mitch Cain, Dennis Wallen, Mark Kaiser, Dan White, Shawn Kendinger and Tim Rauch. Row 4: Manager Bob Osika, Andy Burtner, Bruce Fenimore, Jim Short, Jeff Marlett, Bruce Cluskey, John Sever and Andy Jeffers.

College notes

Court excuses campuses from anti-sex bias laws in recent case

WASHINGTON, D.C. (CPS) — Student and women's rights advocates say they are "dismayed but not necessarily surprised" by last month's controversial US Supreme Court decision to limit enforcement of laws insuring that colleges can't discriminate on the basis of gender.

The high court rules that Grove City College — a small, independent liberal arts college in Pennsylvania — doesn't have to prove all its departments comply with anti-discrimination laws just because some Grove City students receive federal financial aid.

The ruling is expected to affect all colleges.

Under the law — Title IX of the Higher Education Amendments of 1972 — school that receive any federal funds

are forbidden to discriminate on the basis of gender.

In the past, schools that did not comply with the law stood to lose all their federal funding.

Women, of course, have used Title IX to force colleges to promote and pay women on merit, to let women in medical and law schools, to draw up sexual harassment grievance procedures, and even to provide women with equal athletic opportunities, among many other uses.

And while sources are unclear how the new decision will affect those new programs, all concur women have lost their most effective legal weapon in fighting sex discrimination.

At issue is whether an entire college or just the college program that directly receives federal funding must

comply with Title IX.

The Carter administration, when it sued Grove City in order to pose a significant test case, claimed that if any part of a college — including the students receiving federal aid — benefitted from federal money, the whole school must comply with Title IX.

In 1982, however, the Reagan administration announced it supported a "program-specific" interpretation of Title IX, pending the Supreme Court's decision in the Grove City case.

It stopped supporting several other lawsuits, begun under prior administrations, against colleges accused of discriminating against women.

In a 6-2 vote, the justices said that because 300 Grove City students get federal aid, Grove City's financial aid office will have to prove it complies with Title IX. None of the school's other departments must comply unless they directly receive federal aid.

It was "a matter of principle," explains Grove City spokesman Robert Smith, who calls the decision "a partial defeat" because the high court didn't accept the college's argument that student aid doesn't make even the aid department a recipient of federal funds.

In response, Grove City will lend its own money to students who receive federal aid, thus relieving its aid office of having to swear it complies with anti-discrimination laws, Smith says.

"Only about four percent of federal money that comes to

Title IX History

by David Gaede
with Bruce Goldfarb
WASHINGTON, D.C. (CPS) — The U.S. Supreme Court decision in the Grove City College case capped a long history of court battles over ways colleges discriminate on the basis of gender.

1972: Title IX of the Higher Education Amendments of 1972 is passed, declaring that schools that receive federal funds must agree not to discriminate on the basis of gender, or they face losing those federal funds.

1975: The government requires all institutions receiving federal funds to sign a pledge they comply with Title IX.

1977: Hillsdale College in Michigan refuses to sign compliance statement, but government's efforts to cut off its federal funds are stopped by the courts. A long legal fight ensues.

1978: Grove City College refuses to sign the compliance statement, too, and the Carter

administration sues to force it to sign or give up its federal monies.

May, 1982: The Supreme Court rules Title IX applies to college programs receiving federal money, but fails to say if a "program" can encompass an entire institution.

July, 1982: A federal district court says the University of Richmond's athletic department can't be investigated for sex bias because the department itself receives no federal funds directly.

Dec., 1982: The U.S. Circuit Court of Appeals says Title IX applies only to Hillsdale College's financial aid office, not to the whole campus, and the U.S. Justice Department refuses to appeal the decision to a higher court.

Feb., 1984: The U.S. Supreme Court agrees in the Grove City case that Title IX applies only to the campus office that directly receives federal aid, including federal student aid money.

schools is in the form of direct aid (to specific departments or programs)," Bernice Sandler, director of the Project on the Status and Education of Women in Washington, D.C., says. "The rest comes indirectly through student financial aid."

She expects that, apart from campus aid offices themselves, very few college programs will remain covered by Title IX.

"What we may see is a very spotty picture," she speculates. "In some schools, you'll have the commitment of the president, but maybe not the support of the faculty

members (to fight sex discrimination)."

Congress, however, may not let the ruling last.

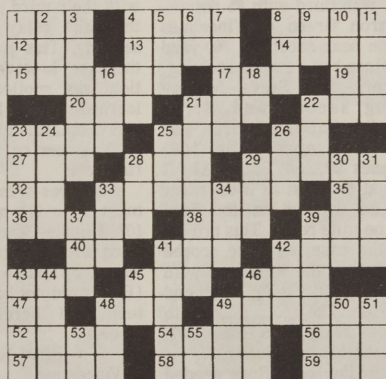
Sen. Robert Dole (R-Kan.) and Rep. Don Edwards (D-Cal.) say they plan to introduce bills soon to specify that an entire college, not just single programs, must prove it complies with title IX if any part of it receives federal monies.

The House of Representatives approved a non-binding resolution by a 418-8 margin last year saying it had intended whole colleges to be covered by Title IX when it approved the law in 1972.

- ACROSS
- 1 Brown kiwi
 - 4 Tense
 - 8 Vast throng
 - 12 Sea eagle
 - 13 River islands
 - 14 Poker stake
 - 15 Kind of firecracker
 - 17 Everyone
 - 19 Conjunction
 - 20 Strike
 - 21 Worthless leaving
 - 22 Obstruct
 - 23 Pronoun
 - 25 Harvest goddess
 - 26 River in Italy
 - 27 Male sheep
 - 28 Exist
 - 29 Ventilated
 - 32 Three-toed sloth
 - 33 Trapping
 - 35 Negative
 - 36 Beg
 - 38 Perform
 - 39 Paid notices
 - 40 Symbol for silver
 - 41 Suffix; follower of
 - 42 Church part
 - 43 River island
 - 45 Peer Gynt's mother
 - 46 High mountain
 - 47 Behold!
 - 48 In music, high
 - 49 Spirited horses
 - 52 Play leading role
 - 54 Unaspirated
 - 56 Exist
 - 57 Kiln
 - 58 Verve
 - 59 Grain DOWN
 - 1 Corded cloth

CROSS WORD PUZZLE

FROM COLLEGE PRESS SERVICE



(puzzle answers on p. 8)

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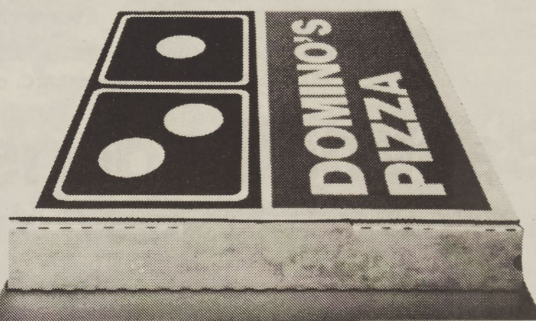
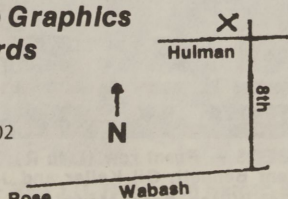
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The THORN wants to provide readers with a better newspaper. So we thought an in-depth survey would be a great idea. And to get you guys to take the time to help us out, we will have a drawing for a free dinner for two at any restaurant in town (\$30 limit).

To enter, just answer 80% of the questions, clip out this survey, fold it in thirds and drop it in the Rose mail chute by March 30, 1984. No purchase is necessary.

The winner and the survey results will be announced in our April 6 issue. Happy critiquing, guys!

1) GENERAL (circle one)

How often do you pick up the THORN? a) every week (9 times/quarter), b) 6-8 times/quarter, c) 3-5 times/quarter, d) 1-2 times/quarter, e) never

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(check one)

- | | |
|---|--|
| <input type="checkbox"/> clear | <input type="checkbox"/> concise |
| <input type="checkbox"/> factual | <input type="checkbox"/> interesting |
| <input type="checkbox"/> boring | <input type="checkbox"/> usually worthless |
| <input type="checkbox"/> very informative | <input type="checkbox"/> easy to read |
| <input type="checkbox"/> confusing | <input type="checkbox"/> unbelievable |

THORN editorials are:

- | | |
|--|--|
| <input type="checkbox"/> boring | <input type="checkbox"/> untimely |
| <input type="checkbox"/> uninteresting | <input type="checkbox"/> concise |
| <input type="checkbox"/> clear | <input type="checkbox"/> not frequent enough |
| <input type="checkbox"/> applicable | <input type="checkbox"/> unqualified |

I prefer a ☐ 4-page ☐ 8-page THORN

I ☐ do ☐ do not like "Dear Daphne"

Please check the following areas that you would like to see more coverage of:

- ☐ photos
☐ world and national news
☐ national college news (see p.6)
☐ political cartoons
☐ crossword puzzles (see p.8)
☐ professional news

- ☐ Club news
☐ sports
☐ St. Mary-of-the-Woods news
☐ ISU News

schedule of events for ☐ Rose
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2) EVALUATIONS

There are three areas of criticism evaluation below: opinion, frequency and quality. Please circle the appropriate response for each department.

	FREQUENCY		OPINION		QUALITY	
	How often do you read?		Would you like to see more of the same?		How do you like it?	
	A-always	S-sometimes	Y-yes	N-no	1-excellent	2-good
page 1	A	S	N	Y	N	12345
Newsbriefs	A	S	N	Y	N	12345
Photo cutlines	A	S	N	Y	N	12345
Editorials	A	S	N	Y	N	12345
staffbox	A	S	N	Y	N	12345
letters to the editor	A	S	N	Y	N	12345
Daffynitions	A	S	N	Y	N	12345
Album review	A	S	N	Y	N	12345
movie review	A	S	N	Y	N	12345
play review	A	S	N	Y	N	12345
frat RHO	A	S	N	Y	N	12345
SGA news	A	S	N	Y	N	12345
sports	A	S	N	Y	N	12345
ads	A	S	N	Y	N	12345
feature inserts	A	S	N	Y	N	12345
Dear Daphne	A	S	N	Y	N	12345
comics	A	S	N	Y	N	12345
faculty spotlight	A	S	N	Y	N	12345
scholarship information	A	S	N	Y	N	12345
THORNIES	A	S	N	Y	N	12345

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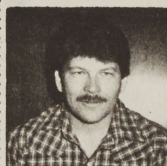
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NEW! Campus Tattletales

Surveying 36 private colleges, UP found private schools are sifting through an average 10% more applications than they got last year.

Private college enrollment overall went up during the 1983-84 academic year after a 4% decline during 1982-83.

The '82-83 decline was largely attributed to widespread fears that financial aid for students was drying up.

Judicial Programs Director Gary Pavela says Maryland's 3-year campaign against cheating hasn't left "the situation any better than it was" when the campaign began.

"Our public image," he concedes, "may be somewhat better than the reality."

In recent weeks, one survey found that 50% of the Indiana University students admit they've cheated.

Another study claimed 78% of the students at the University of Delaware have cheated.

"Cheating" offenses range from copying others' work to padding bibliographies.

The Baylor Book Store junked about \$1,000 worth of cocktail glasses and beer mugs bearing the Baylor logo because they might encourage student drinking, store manager Robert Bright says.

Dean Jimmy McClusky then required dorm residents to take all posters advertising or displaying alcoholic beverages off their dorm walls.

A government licensing committee ruled there was adequate security around U.C.L.A.'s small reactor on campus to safeguard it from terrorists who might try to sabotage it during the summer games in L.A.

Track

Cont. from p. 5

Setting or equalling season's best performances for Rose-Hulman were:

Dave Beil, pole vault (14-6)
Brian Cavagnini, 440-yard dash (51.61)

Gene LeBoeuf, Mile & 1/4 Steeplechase (6:14.98)

Brian Millard, 880-yard run (2:00.90)

Kurt Kelso, 1000 yard run (2:19.11)

Earl Wiggins, 600-yard run (1:18.25)

Point Scores for Rose

Shot Put: Marty Jones, 1st, 51-1 1/4; Stacy Himes, 3rd, 47-7 1/4;

Greg Hoffman, 6th, 42-9 1/2

High Jump: Miles Fletcher,

Puzzle Answer

R	O	A	T	A	U	T	H	O	S	T
E	R	N	A	I	T	S	A	N	T	E
P	E	T	A	R	D	A	L	L	O	R
H	I	T	O	R	T	D	A	M		
T	H	E	M	O	P	S	P	O		
R	A	M	A	R	E	A	I	R	E	D
A	I	S	N	A	R	I	N	G	N	O
P	L	E	A	D	A	C	T	A	D	S
A	G	I	T	E	A	P	S	E		
A	I	T	A	S	E	A	L	P		
L	O	A	L	T	S	T	E	E	D	S
S	T	A	R	L	E	N	F	A	R	E
C	A	S	T	E	L	A	N	R	Y	E

2nd, 6-4

Pole Vault: Dave Beil, 3rd, 14-6
Mile & 1/4 Steeplechase: Gene LeBoeuf, 4th, 6:14.98

Mile Run: Greg Gibson, 5th, 4:31.69; Lee Beckham, 6th, 4:33.79

60-yard High Hurdles: Bill Sears, 2nd, 7.80; Dave Smith, 4th, 8.08

440-yard Dash: Brian Cavagnini, 3rd, 51.61

600-yard Run: Earl Wiggins, 3rd, 1:18.25

50-yard Dash: Steve Nerney, 4th, 5.71; Bill Sears, 5th, 5.73

880-yard Run: Bryan Millard, 2nd, 2:00.90; Tracy Houpt, 6th, 2:04.46

1,000-yard Run: Kurt Kelso, 1st, 2:19.11; Richard Leonard, 3rd, 2:25.13

300-yard Dash: Steve Nerney, 2nd, 32.59; Brian Cavagnini, 3rd, 32.63

Two-mile Run: Kyle Hayes, 6th, 9:49.58

Ray's Brain Busters

The following puzzles were provided by Mr. Ray Coopridier, who went to Rose Polytechnic for two years as a member of the class of 1935.

These puzzles are a special interest to Mr. Coopridier. He challenges Rose-Hulman students to solve them and invites them to write him for solutions. His address is:

Ray T. Coopridier
2001 Valley Ave. N.E.
Puyallup, WA 98371

PAYCHECK PROBLEM

A fellow stopped at a tavern on the way home from work one payday. He had a few drinks and then discovered he had no cash on him; only his paycheck, which the bartender said he would cash and take out for his drinks. But when the bartender gave him his change, he was talking to a friend and didn't notice how much change he got. The fellow went straight home, changed clothes, THEN counted his change. To his astonishment he now had twice as much money as his paycheck had been. He finally figured out that the bartender had gotten the dollars and cents reversed on his paycheck, as he had noticed that his bill for his drinks (no

sales tax in Oregon) was exactly one-fourth the dollars on his paycheck.

A BRAIN-CHILD'S BIRTHDAY GIFTS

Once a young father told his wife, "Dear, on our son's first birthday, I'm giving him \$5, and on each birthday thereafter until he is 21, I'm giving him \$5 for each age-year."

"That's nice, dear," said his wife. "I'm sure he will appreciate it as he grows older."

On their son's 7th birthday, his dad said, "Son, here's \$35. That makes \$140 in birthday money I've given you. Boy, by the time you are 21, you'll have a bundle."

His young son said, "Tell you what, Dad, I'll make you a deal." The boy, having a computer brain, then said, "Next year you can give me just 25¢ on my birthday, and on my 9th birthday 50¢, and \$1 on my 10th, and so on — each birthday I'm to get double the year before, until I'm 21, OK."

His dad hesitated, then said, "OK. It's a deal." And they shook hands.

How much did the get get on his 21st birthday?

How much was the total for those 14 years?

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